

Patent Abstracts of Japan

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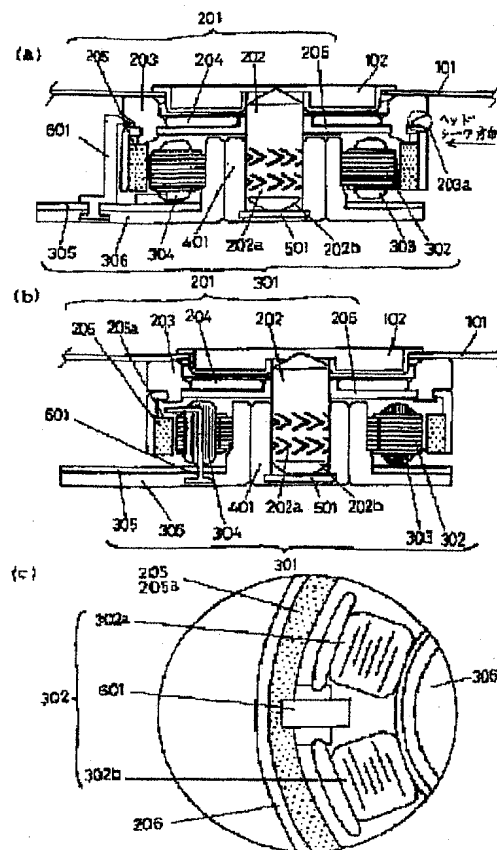
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TITLE : SPINDLE MOTOR IN  
MAGNETO-OPTICAL DISK



ABSTRACT : PURPOSE: To provide a small thin highly accurate spindle motor having a dynamic-pressure fluid bearing and used for a magnetic optical disk.

CONSTITUTION: A close stopper member includes a fitting member 601 and a recessed part 203a so as not to increase the height of mechanism parts other than a bearing part. The recessed part 203a in an inner circumferential direction is formed by using positions not interfering the mechanical members outside a rotor 201. The fitting member 601 is put close and opposite in an axial direction to the recessed part 203a. The fitting member 601 is provided clean a laser head of a magneto-optical disk coming nearer. In addition to this way, the fitting member 601 may be fixed to a stator 301 by using a space between wirings in a stator core 302 so that the fitting member 601 is put close and opposite in a thrust direction to the end face of a field magnet 205.

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